

Indoor dual Patch Antenna for mounting on Wall or Ceiling

DESCRIPTION

- Low profile antenna for the 900 and 1800 MHz Band.
- PLPI 900/1800 is a patch antenna for indoor use.
- Covers 80 MHz at 900 MHz and 170 MHz at 1800 MHz with a radiation of approx. 8 dBi.
- The antenna is carefully sealed with a discreet white cover.
- The two connectors are placed at one side to enable mounting close to a wall or a ceiling.



ORDERING

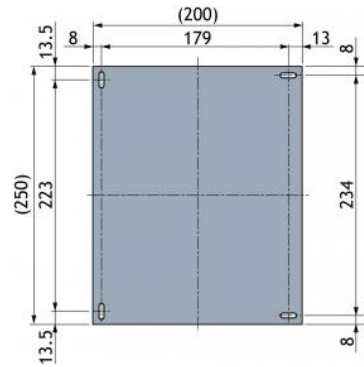
Model	Product No.
PLPI 900/1800	100000322

SPECIFICATIONS

Electrical	
Model	PLPI 900/1800
Frequency	880 - 960 MHz / 1710 - 1880 MHz
Antenna Type	Linearly Polarized patch antenna
Max. Input Power	100 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, H-Plane	65 - 85 °
Impedance	50 Ω
Gain	6 dBd (8.2 dBi)
VSWR	< 2.0:1
Bandwidth	880 - 960 = 80 MHz @ SWR = 2.0:1 1710 - 1880 = 170 MHz @ SWR = 2.0:1
In iBwave	Yes
Mechanical	
Connection(s)	2 x N-female
Materials	Cover: PS Chassis: Aluminium
Colour	Marine white
Dimensions	Approx. 250 x 200 x 30 mm
Weight	0.4 kg / 0.88 lb
Mounting	For mounting on wall or ceiling 4.5 mm dia x 20 mm (4 holes)

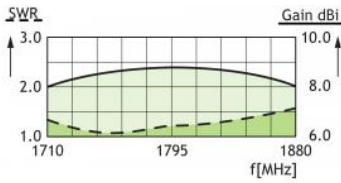
DIAGRAM

MOUNTING & PATTERN

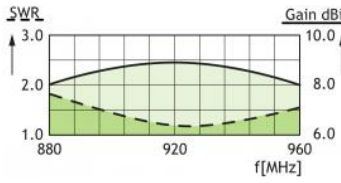


(Dimensions excl. cover)

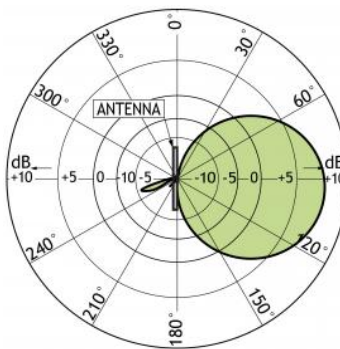
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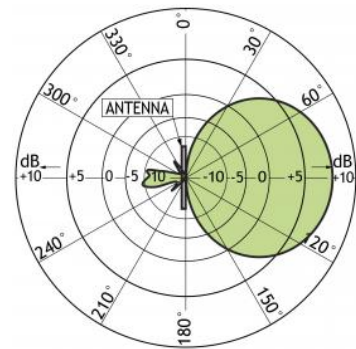


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This curve shows the radiation patterns in the vertical plane.

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This curve shows the radiation patterns in the horizontal plane.